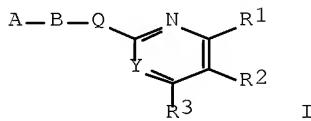


TITLE: Preparation of pyrazole derivatives and agrochemical fungicides  
 INVENTOR(S): Kasahara, Isamu; Iihama, Teruyuki; Sugiura, Tadashi;  
 Hashimoto, Sho; Sano, Shinsuke; Hosokawa, Hiroyasu;  
 Yokota, Chinami  
 PATENT ASSIGNEE(S): Nippon Soda Co., Ltd., Japan  
 SOURCE: PCT Int. Appl., 90 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9307138	A1	19930415	WO 1992-JP1303	19921007 <--
W: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KR, LK, LU, MG, MN, MW, NL, NO, PL, RO, RU, SD, SE, US RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG				
AU 9226970	A	19930503	AU 1992-26970	19921007 <--
CN 1071424	A	19930428	CN 1992-111227	19921008 <--
PRIORITY APPLN. INFO.:			JP 1991-289158	A 19911008
			JP 1992-131571	A 19920424
			JP 1992-197457	A 19920702
			WO 1992-JP1303	A 19921007

OTHER SOURCE(S): MARPAT 120:106997

GI



AB The title compds. [I; Y = CR6, N; R1, R2, R3, R4, R6 = H, halo, (un)substituted alkyl, (un)substituted alkoxy, (un)substituted alkenyloxy, etc.; R5 = H, halo, (un)substituted alkyl, (un)substituted alkoxy, etc.; A = (un)substituted aryl, (un)substituted heterocyclyl; B = (un)substituted alkylene, etc.; Q = (un)substituted pyrazolediyl] are prepared E.g., Et 4-(4-chlorophenyl)-3-oxobutanoate in EtOH was refluxed with (6-methyl-2-pyridyl)hydrazine to give 1-(6-methyl-2-pyridyl)-3-(4-chlorobenzyl)-5-hydroxy-1H-pyrazole, which was O-methylated with MeI to give 1-(6-methyl-2-pyridyl)-3-(4-chlorobenzyl)-5-methoxy-1H-pyrazole. This at 200 ppm effected >90% kill of Cercospora beticola.

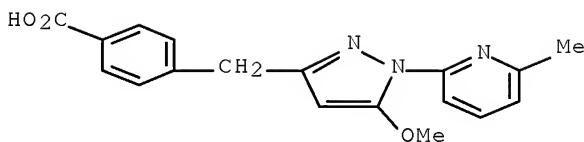
IT 150400-56-9P 150400-57-OP 150400-58-1P

150400-61-6P 150400-78-5P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of, as agrochem. fungicide)

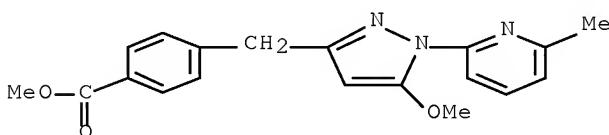
RN 150400-56-9 ZCPLUS

CN Benzoic acid, 4-[(5-methoxy-1-(6-methyl-2-pyridinyl)-1H-pyrazol-3-yl)methyl]- (9CI) (CA INDEX NAME)



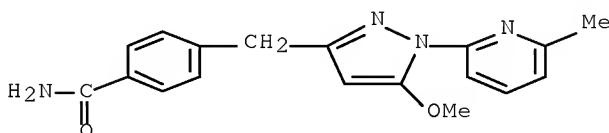
RN 150400-57-0 ZCPLUS

CN Benzoic acid, 4-[5-methoxy-1-(6-methyl-2-pyridinyl)-1H-pyrazol-3-yl]methyl]-, methyl ester (9CI) (CA INDEX NAME)



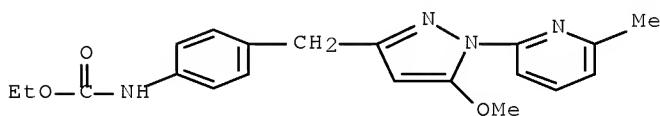
RN 150400-58-1 ZCPLUS

CN Benzamide, 4-[5-methoxy-1-(6-methyl-2-pyridinyl)-1H-pyrazol-3-yl]methyl]- (9CI) (CA INDEX NAME)



RN 150400-61-6 ZCPLUS

CN Carbamic acid, [4-[5-methoxy-1-(6-methyl-2-pyridinyl)-1H-pyrazol-3-yl]methyl]phenyl]-, ethyl ester (9CI) (CA INDEX NAME)



RN 150400-78-5 ZCPLUS

CN Benzoic acid, 4-[5-methoxy-4-methyl-1-(6-methyl-2-pyridinyl)-1H-pyrazol-3-yl]methyl]-, methyl ester (9CI) (CA INDEX NAME)

